

**USGS CMG FACS OVERVIEW LOG**  
**ACTIVITY ID: 08LCA01**

<b>TOPIC</b>	<b>INFORMATION</b>
USGS ACTIVITY ID	08LCA01
OTHER ID (IF ANY)	
ORGANIZATION	USGS and SJRWMD
PROJECT	Lakes and Coastal Aquifers (LCA)
AREA OF OPERATION	Lake Saunders, Lake Avalon, Johns Lake, Lake Prevatt, Lake Searcy, Big Lake, Trout Lake, Three Island Lakes, Lake Colby, and Lake Helen
CHIEF SCIENTIST(S)	Jeffrey B. Davis and James G. Flocks
INFORMATION SPECIALIST(S)	Dana S. Wiese and Arnell Harrison
ACTIVITY TYPE	Geophysical Survey (High-resolution seismic)
SCIENTIFIC PURPOSE/GOALS	Investigate minimum flows and levels of central Florida lakes
PLATFORM	17 foot Jon boat
STARTING DATE	March 24, 2008
STARTING PORT	Lake Colby, FL
ENDING DATE	March 28, 2008
ENDING PORT	Lake Avalon, FL
EQUIPMENT USED	Boomer System (C-Boom LVB power supply and plate and Teledyne Instruments SDS-55 hydrophones), Delph Seismic acquisition software, and Garmin DGPS (WAAS) navigation system
INFORMATION TO BE DERIVED (FOR EXAMPLE, GRAIN SIZE, DEPTH TO BASEMENT)	Shallow geologic framework
SUMMARY OF ACTIVITY AND DATA GATHERED	Collected 145 boomer seismic reflection profiles.
NOTES	Digital 08LCA01 FACS logs were generated by A. Harrison in October of 2008 using the handwritten logs and personal accounts of the crew members.